

EAST SEARCH (FAOM) 05/13/2003  
Prepared in Support of Paper No. 4

**09/265,860**

EAST 1.3.2

- SEARCH HISTORY (I) ATTACHED
- SEARCH RESULTS (II) ATTACHED
  - (1) FRO+KWIC REVIEWED BY EXAMINER
  - (2) ALL SECTIONS REVIEWED BY EXAMINER
  - (C) CITED ON PTO-892 BY EXAMINER
  - (3) CITED ON PTO-1449 BY APPLICANT

H/09/265 860

	Hits	Search Text	DBs
1	1313	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) grin) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis))	USPAT; US-PGPUB
2	131	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) grin) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis)) and ((refract\$3 index graded gradient distribut\$3 profile) with (square squared))	USPAT; US-PGPUB
3	0	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis)) same ((imag\$3 optical) adj (pick\$1up (pick adj up) objective))) and ((refract\$3 index graded gradient distribut\$3 profile) with (square squared))	EPO
4	20	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis)) same ((imag\$3 optical) adj (pick\$1up (pick adj up) objective)))	USPAT; US-PGPUB
5	0	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis)) same ((imag\$3 optical) adj (pick\$1up (pick adj up) objective))) and ((refract\$3 index graded gradient distribut\$3 profile) with (square squared))	DERWENT
6	12	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis)) same ((imag\$3 optical) adj (pick\$1up (pick adj up) objective))) and ((refract\$3 index graded gradient distribut\$3 profile) with (square squared))	USPAT; US-PGPUB
7	5	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) grin) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis)) and (increases with (refract\$3 index graded gradient distribut\$3 profile) with (square squared) with distance)	USPAT; US-PGPUB
8	0	((359/654).CCLS.) and (increases with (refract\$3 index graded gradient distribut\$3 profile) with (square squared) with distance)	USPAT; US-PGPUB
9	46	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) grin) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis))	EPO
10	2	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis)) same ((imag\$3 optical) adj (pick\$1up (pick adj up) objective)))	EPO
11	1	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) grin) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis)) and ((refract\$3 index graded gradient distribut\$3 profile) with (square squared))	EPO
12	270	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) grin) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis))	JPO
13	7	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis)) same ((imag\$3 optical) adj (pick\$1up (pick adj up) objective)))	JPO
14	1	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis)) same ((imag\$3 optical) adj (pick\$1up (pick adj up) objective))) and ((refract\$3 index graded gradient distribut\$3 profile) with (square squared))	JPO
15	26	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) grin) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis)) and ((refract\$3 index graded gradient distribut\$3 profile) with (square squared))	JPO
16	247	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) grin) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis))	DERWENT
17	2	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis)) same ((imag\$3 optical) adj (pick\$1up (pick adj up) objective)))	DERWENT
18	11	(((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) grin) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis)) and ((refract\$3 index graded gradient distribut\$3 profile) with (square squared))	DERWENT
19	185	(359/654).CCLS.	USPAT; US-PGPUB
20	206	(359/652).CCLS.	USPAT; US-PGPUB
21	78	((250/\$).ccls. and (((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) grin) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis)))	USPAT; US-PGPUB
22	9	((348/\$).ccls. and (((gradient graded in\$1homogeneous non\$1homogeneous distribut\$3 profile) near2 (refract\$2 index)) grin) with (optic\$2 lens lenses)) same (radial\$2 transverse (distance near3 axis)))	USPAT; US-PGPUB

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	1	2	C	3	Document ID▽	Title	Current OR
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6163411 A	Lens system and image pickup apparatus	359/654
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6108130 A	Stereoscopic image sensor	359/462
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6104545 A	Gradient index lens component and image pickup apparatus using the gradient index lens	359/654
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5999327 A	Objective lens system	359/654
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5995295 A	Lens system	359/654
6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5973850 A	Lens system	359/654
7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5949585 A	Optics using graded-index lens	359/654
8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5870229 A	Gradient index lens component and image pickup apparatus using the gradient index lens component	359/654
9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5841586 A	Optical system	359/654
10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5818644 A	Gradient index optical element and method for making the same	359/642
11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5757014 A	Optical detection device for analytical measurement of chemical substances	250/458.1
12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5500523 A	Optical information transmitting device and method of manufacturing same	250/216
13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5410413 A	Optical head probe using a gradient index lens and optical fibers	356/446
14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5362961 A	Optical information transmitting device and method of manufacturing same	250/216
15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5202567 A	Optical information transmitting device and method of manufacturing same	250/551
16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 4974089 A	Television camera apparatus using gradient index rod lens	348/217.1
17	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 4770506 A	Gradient index single lens	359/654
18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 3941474 A	Light-conducting glass structures	385/124
19	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 3827785 A	GLASS LENS HAVING REDUCED CHROMATIC ABERRATION AND REFRACTIVE INDEX GRADIENT	359/654
20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	JP 61056313 A	REFRACTIVE INDEX DISTRIBUTION TYPE LENS	
21	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	JP 2001126296 A	Objective lens for optical pickup, in which refractive index is distributed radially	
22	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	JP 11266000 A	IMAGE PICKUP DEVICE	
23	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	JP 09159907 A	Image pick-up appts for videophone - has homogeneous lens of negative refractivity and three types of radial type distributed refractive index lens of positive refractivity which are selected appropriately	
24	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	FR 2569866 A	Projection lens arrangement using index-varying lens - has refractive index according to square of distance to optical axis with monotonic variation	
25	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DE 19910383 A1	Image scanner overall length reduced compared to conventional scanners; errors in the relative positions of lens and image scanning element are reduced	
26	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	DE 19910383 A	Image scanner overall length reduced compared to conventional scanners; errors in the relative positions of lens and image scanning element are reduced	